

WHAT IS CLAIMED IS

1. An attachable frame for a flat display panel which has a plurality of fastening holes formed on four sides thereof, comprising:

5 a main structure consisting of at least four inner frame members and more than four fastening members that are formed in dimensions according to the flat display panel for fastening to the periphery of the flat display panel, the inner frame members having a plurality of apertures matching the fastening holes of the flat display panel for fastening so that the main structure is coupled on the periphery of the flat display panel to provide a steady bracing and a strength for supporting the entire frame;

10 a bracing structure consisting of at least one bracing member which has two ends fastening to the two parallel inner frame members to provide additional bracing and support;

15 a front frame consisting of at least four front side rails formed in dimensions according to the flat display panel and more than four fastening holes to match the fastening members of the main structure for fastening the front side rails to the main structure; and

20 a rear frame consisting of at least four rear frame boards and a back board formed in desired dimensions to match the dimension of the flat display panel, and being fastened to the main structure and the bracing structure thereby the main structure, the bracing structure, the front frame and the rear frame are attached to the flat display panel.

2. The attachable frame for a flat display panel of claim 1, wherein the four inner frame members of the main structure are made of a same bar type member cutting at desired lengths to become two long side members and two short side members to match the dimension of the flat display panel.

3. The attachable frame for a flat display panel of claim 1, wherein the four front side rails of the front frame are formed from two types of rails cutting at desired lengths to become two front long side rails and two front short side rails to match the dimension of the flat display panel, the two front long side rails having respectively a flange to form a wedging space therebetween when coupled.

4. The attachable frame for a flat display panel of claim 1, wherein the four rear frame boards of the rear frame are formed from two types boards of desired dimensions to become two rear long frame back boards and two rear short frame back boards to match the dimension of the flat display panel.

5. The attachable frame for a flat display panel of claim 3, wherein the flat display panel is coupled with a rectangular reinforced glass at a front end thereof, the reinforced glass having two coupling ledges located on a left side and a right side thereof to be wedged in the wedging space of the two front long side rails and fastened to the two front short side

rails.

6. The attachable frame for a flat display panel of claim 3, wherein the two front short side rails are coupled respectively with a speaker.
7. The attachable frame for a flat display panel of claim 6, wherein the speaker and the front frame are covered by a covering mesh at a front side thereof, the covering mesh being slightly larger than the speaker.
8. The attachable frame for a flat display panel of claim 6 further having a housing chamber for housing a power supply for the flat display panel, the housing chamber being located in the speaker or between the flat display panel and the rear frame.
9. The attachable frame for a flat display panel of claim 1, wherein the main structure is made of metal to provide improved protection for electromagnetic interference.
10. The attachable frame for a flat display panel of claim 1, wherein the front frame and the rear frame are made of aluminum.